

IN THE CLAIMS

Claims 1-21 (Canceled).

22. (New) A multi-mode communication device comprising:
a first receiver and transmitter for communicating via a first wireless communication network;
a second receiver and transmitter for communicating via a second wireless communication network; and
at least one processor communicatively coupled to the first receiver and transmitter and the second receiver and transmitter, the at least one processor capable of establishing the exchange of information via at least one of the first wireless communication network and the second wireless communication network.
23. (New) The device of claim 22 wherein the device further comprises at least one interface capable of accepting and delivering signals representative of voice.
24. (New) The device of claim 23 wherein the signals representative of voice are digital signals.
25. (New) The device of claim 22 wherein the first wireless communication network comprises a cellular communication network.
26. (New) The device of claim 22 wherein the second communication network comprises a wireless local area network.
27. (New) The device of claim 22 wherein the second receiver and transmitter communicates via the second wireless communication network at a frequency of approximately 2.4 gigahertz.

28. (New) The device of claim 22 wherein the second receiver and transmitter communicates via the second wireless communication network using a spread spectrum technique.

29. (New) The device of claim 28 wherein the spread spectrum technique comprises a frequency hopping spread spectrum technique.

30. (New) The device of claim 22 wherein one of the first receiver and transmitter and second receiver and transmitter communicates using infrared signals.

31. (New) The device of claim 22 wherein the second receiver and transmitter communicate via the second wireless communication network using an Internet protocol (IP).

32. (New) The device of claim 31 wherein the Internet protocol (IP) is the transmission control protocol (TCP)/Internet protocol (IP).

33. (New) The device of claim 22 wherein at least one of the first receiver and transmitter and the second receiver and transmitter is disposed on a user removable circuit card.

34. (New) The device of claim 33 wherein the user removable circuit card is compliant with a Personal Computer Memory Card Interface Association (PCMCIA) or compatible standard.

35. (New) The device of claim 22 further comprising at least one image capture device.

36. (New) The device of claim 35 wherein the at least one image capture device comprises a thumbprint capture device.

37. (New) The device of claim 35 wherein the at least one image capture device comprises a video capture device.

38. (New) The device of claim 22 wherein the device is capable of directing visual feedback to a user.

39. (New) The device of claim 38 wherein the visual feedback is provided by a liquid crystal display (LCD).

40. (New) The device of claim 22 wherein the information comprises voice information.

41. (New) The device of claim 22 wherein at least a portion of the information comprises data unrelated to the exchange of voice information.

42. (New) The device of claim 22 wherein the at least one processor automatically routes an outgoing call over one of the first wireless communication network and the second wireless communication network.

43. (New) The device of claim 42 wherein the at least one processor routes an outgoing call over one of the first wireless communication network and the second wireless communication network based upon the cost of use of a communication network.

44. (New) A wireless network access device comprising:
a first receiver and transmitter for communication via a first wireless communication network;
a second receiver and transmitter for communication via a second wireless communication network;

at least one processor communicatively coupled to the first receiver and transmitter and the second receiver and transmitter, the at least one processor capable of establishing communication of information between the first wireless communication network and the second wireless communication network based upon a call setup request received from one of the first wireless communication network and the second wireless communication network; and a housing enclosing at least the first receiver and transmitter and the at least one processor.

45. (New) The device of claim 44 wherein one of the first wireless communication network and second wireless communication network comprise a cellular communication network.

46. (New) The device of claim 44 wherein one of the first wireless communication network and second wireless communication network comprise a wireless local area network.

47. (New) The device of claim 46 wherein the wireless local area network operates at a frequency of approximately 2.4 gigahertz.

48. (New) The device of claim 46 wherein the wireless local area network employs a spread spectrum mode of communication.

49. (New) The device of claim 48 wherein the spread spectrum mode of communication comprises a frequency hopping spread spectrum mode of communication.

50. (New) The device of claim 44 wherein at least one of the first receiver and transmitter and the second receiver and transmitter communicate using infrared signals.

51. (New) The device of claim 44 wherein the second receiver and transmitter communicate via the second wireless communication network using a Internet protocol (IP).

52. (New) The device of claim 51 wherein the Internet protocol (IP) is the transmission control protocol (TCP)/Internet protocol (IP).

53. (New) The device of claim 44 wherein at least one of the first receiver and transmitter and the second receiver and transmitter are disposed on a user removable circuit card.

54. (New) The device of claim 53 wherein the user removable circuit card is compliant with a Personal Computer Memory Card Interface Association (PCMCIA) or compatible standard.

55. (New) The device of claim 44 wherein the information comprises voice information.

56. (New) The device of claim 44 wherein at least a portion of the information is data unrelated to the exchange of voice information.

57. (New) A method of operating a communication device having a plurality of wireless communication interfaces, the method comprising:

- detecting an action by a user;
- determining a type of call based upon the user action;
- selecting at least one wireless communication interface from the plurality of wireless communication interfaces based upon the type of call;
- establishing call communication via the at least one wireless communication interface;
- and
- exchanging information via the at least one wireless communication interface.

58. (New) The method of claim 57 wherein the plurality of wireless communication interfaces comprises a cellular communication network interface.

59. (New) The method of claim 57 wherein the plurality of wireless communications interfaces comprises a wireless local area network interface.

60. (New) The method of claim 57 wherein the at least one wireless communication interface communicates at a frequency of approximately 2.4 gigahertz.

61. (New) The method of claim 57 wherein the at least one wireless communication interface employs a spread spectrum mode of communication.

62. (New) The method of claim 57 wherein the at least one wireless communication interface communicates using an Internet protocol (IP).

63. (New) The method of claim 57 wherein the information exchanged is representative of voice.

64. (New) The method of claim 57 wherein at least a portion of the information comprises data unrelated to the establishment or maintenance of voice communication.

65. (New) The method of claim 57 wherein the type of call is one of a voice call, a data call, and a voice and data call.

66. (New) The method of claim 57 wherein the selecting comprises:
evaluating a cost of use of a communication network.

67. (New) The method of claim 57 further comprising:
capturing information representative of an image.

68. (New) The method of claim 67 wherein the image is one of video, a two dimensional code, a thumbprint, and handwriting.

69. (New) The method of claim 57 wherein action by a user comprises at least one of voice, a key press, and handwriting.

70. (New) A system supporting communication over a plurality of wireless networks, the system comprising:

first transceiver circuitry adapted for communication via a first wireless communication network;

second transceiver circuitry adapted for communication via a second wireless communication network;

conversion circuitry for converting an analog voice stream to digital voice data and for converting digital voice data to an analog voice stream for the reproduction of voice; and

a processing circuit for managing operation of the transceiver circuitry in order to establish voice communication via at least one of the first and second wireless communication networks, the processing circuit selecting one of the first and second wireless communication networks based upon at least one of a mode of communication and a cost of use of a communication network.

71. (New) The system of claim 70 wherein the mode of communication comprises one of voice, data, and voice and data.

72. (New) The system of claim 70 further comprising:

a buffer for buffering digital voice data, the processing circuit directing delivery of the buffered digital voice data to the conversion circuitry after a delay that is adjustable by the processing circuit to accommodate variations in propagation delays over a communication network.

73. (New) The system of claim 70 further comprising:
an image capture device for generating data for transmission.